

Date: Monday, 12/01/2009 2:30:51 PM
 User: Julie Dawson

Process Sheet

Customer : CU-DAR001 Dart Helicopters Services	Drawing Name : SUPPORT ASSEMBLY
Job Number : 44573	
Estimate Number : 10464	
P.O. Number :	Part Number : D3278041
This Issue : 12/01/2009 S.O. No. :	Drawing Number : D3278 REV.C
Prsht Rev. : NC	Project Number : N/A
First Issue : / / Type : SMALL /MED FAB	Drawing Revision : C
Previous Run : 44057	Material :
Written By :	Due Date : 30/01/2009 Qty: 40 Um: Each
Checked & Approved By : <u>JUL 09.01.12</u>	
Comment : Est:A 04.04.19 New issue KJ/JLM EST B 07.08.21 Chg rivet per PAR185 EC Verified by: JLM	

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	44573A	SUPPORT
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CP 09/02/03

*** **Comment:** Sub-Component SUPPORT

1 x D3278-1 Batch

B43418A (25K)

B44032 (15K)

2.0	44573B	SUPPORT
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*** **Comment:** Sub-Component SUPPORT

1 x D3278-2 Batch

B43418B (2K)

B44033 (19K)

CP 09/02/03

3.0	D32783	Spacer
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Comment: Qty.: 1.0000 Each(s)/Unit Total : 40.0000 Each(s)

Spacer

Pick:

Qty	Part Number	Description	Batch
1	D3278-3	Spacer	<u>B43448</u> (8K)

B44780 (32K)

CP 09/02/03

4.0	MS20426AD36	Rivet
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Comment: Qty.: 4.0000 Each(s)/Unit Total : 160.0000 Each(s)

RIVET

Pick:

Qty	Part Number	Description	Batch
4	MS20426AD3-6	Rivet	<u>M105055</u>

CP 09/02/03

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Monday, 12/01/2009 2:30:51 PM
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Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: SUPPORT ASSEMBLY

Job Number: 44573

Part Number: D3278041

Job Number:



Seq. #:

Machine Or Operation:

Description :

5.0

SMALL FAB 1

SMALL & MEDIUM FAB RESOURCE 1



Comment: SMALL & MEDIUM FAB RESOURCE 1

Rivet spacers with support as per Dwg D3278.

EP 08/02/03 (40)

6.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

S 02/02/03 (40)

7.0

D22301

Lug



Comment: Qty.: 2.0000 Each(s)/Unit Total : 80.0000 Each(s)

Mounting Lug

Pick: Packing Kit

Qty Part Number

Description

Batch

2 D2230-1

Mounting Lug

B44700

EP 09/02/04

8.0

AN413A

Bolt



Comment: Qty.: 2.0000 Each(s)/Unit Total : 80.0000 Each(s)

Bolt

Pick: Packing Kit

Qty Part Number

Description

Batch

2 AN4-13A

Bolt

M110322

EP 09/02/04

9.0

AN960JD416

Washer



Comment: Qty.: 4.0000 Each(s)/Unit Total : 160.0000 Each(s)

Washer

Pick: Packing Kit

Qty Part Number

Description

Batch

4 AN960JD416

Washer

M110523

EP 09/02/04

10.0

MS21042L4

Nut



Comment: Qty.: 2.0000 Each(s)/Unit Total : 80.0000 Each(s)

Nut

Pick: Packing Kit

Qty Part Number

Description

Batch

2 MS21042L4

Nut

M1109282

EP 09/02/04

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: SUPPORT ASSEMBLY

Job Number: 44573

Part Number: D3278041

Job Number:



Seq. #:

Machine Or Operation:

Description :

11.0

SMALL FAB 1

SMALL & MEDIUM FAB RESOURCE 1



Comment: SMALL & MEDIUM FAB RESOURCE 1

Assemble support as per Dwg D3278.

DO NOT TIGHTEN BOLTS

Identify as D3278-041

09/02/04 *(40)*

12.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

09/02/04 *(40)*
counter

13.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: _____

ST 471

09/02/05 *(40)*

14.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

09/02/05 *(40)*

Job Completion



09.02.05

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

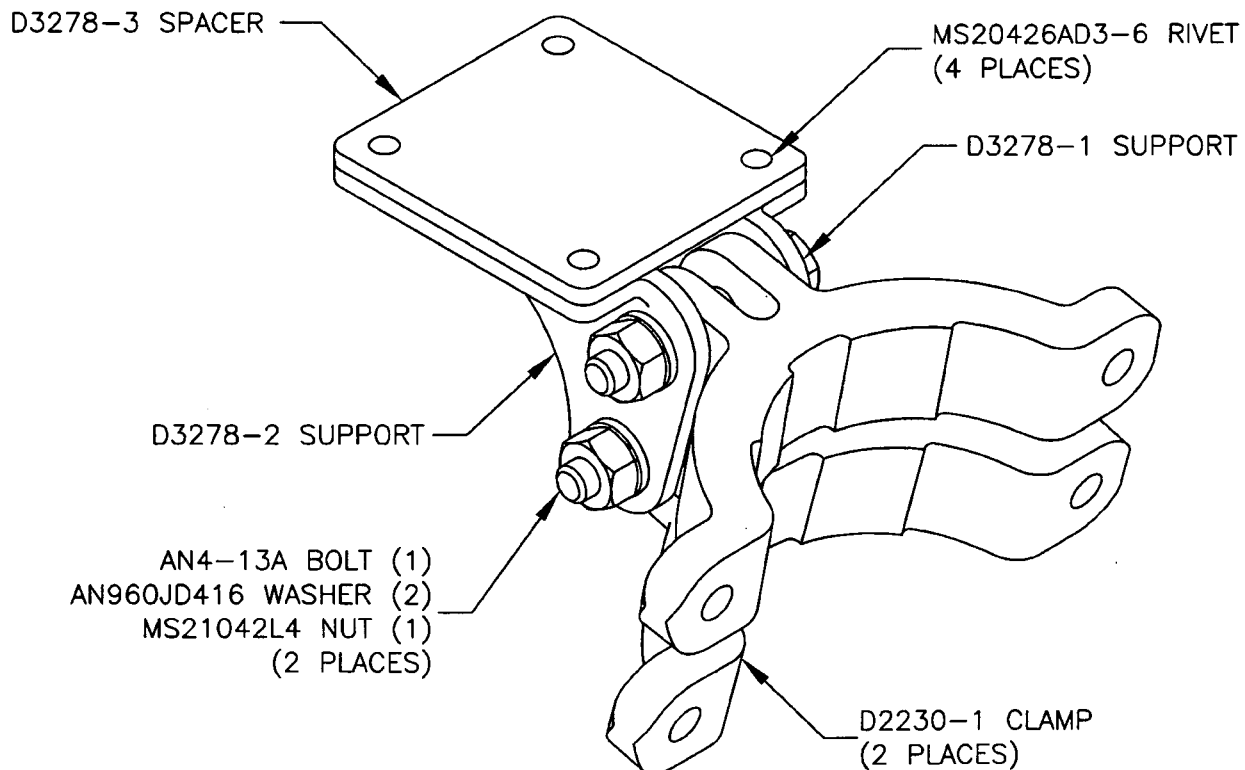
NOTE: Date & initial all entries

DART

DESIGN 99	DRAWN BY JC	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED B	APPROVED H	DRAWING NO. D3278	REV. C SHEET 1 OF 3
DATE 07.07.24		TITLE SUPPORT ASSEMBLY	SCALE NTS
A	04.03.03	NEW ISSUE	
B	05.03.31	CHANGE DIM/TOL TO ENSURE FIT	
C	07.07.24	CHANGED RIVETS PER PAR #185	

RELEASED
07-08-06

D3278-041 SUPPORT ASSEMBLY



Qty	Part Number	Description
X	D3278-041	SUPPORT ASSEMBLY
2	D2230-1	CLAMP
1	D3278-1	SUPPORT
1	D3278-2	SUPPORT
1	D3278-3	SPACER
2	AN4-13A	BOLT
4	AN960JD416	WASHER
4	MS20426AD3-6	RIVET
2	MS21042L4	NUT

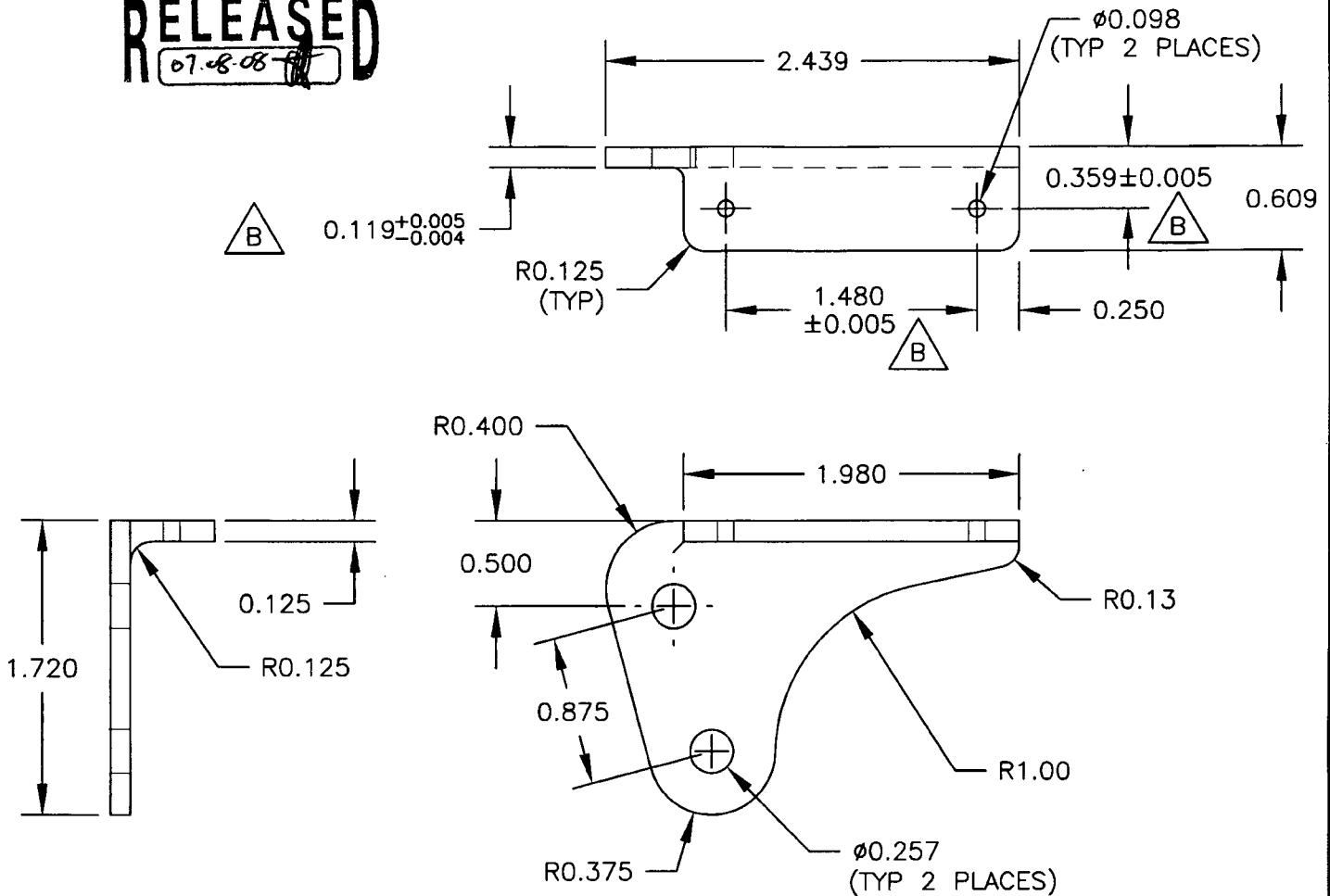
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DART

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CHECKED <i>js</i>	APPROVED <i>js</i>	DRAWING NO. D3278	REV. C SHEET 2 OF 3
DATE 07.07.24		TITLE SUPPORT ASSEMBLY	SCALE 1:1

RELEASED
07.08.08**D3278-1 SUPPORT (SHOWN)****D3278-2 SUPPORT (OPPOSITE)**

- 1) MACHINE PER DWG FILE "D3278-1.SLDPRJT"
- 2) MATERIAL: 6061-T6 (OR 6061-T651/T6510/T6511/T62) BAR
PER AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
PER AMS-QQ-A-200/8 (OR AMS 4160)
(REF. DART SPEC. M6061T6B)
- 3) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.015
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

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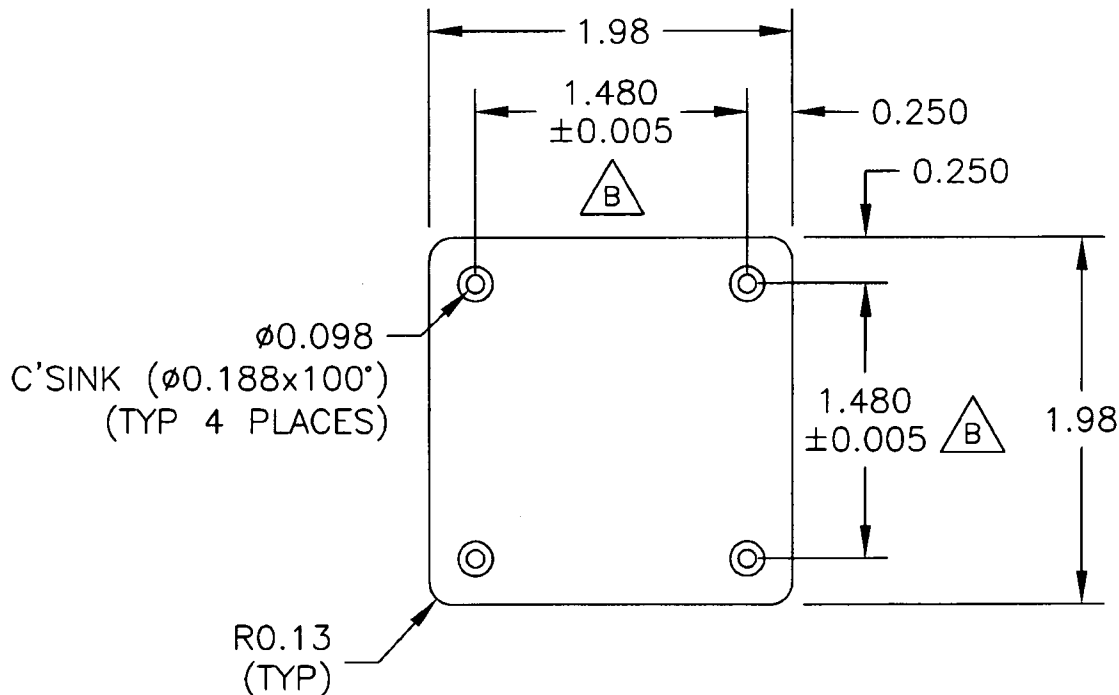
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CHECKED <i>B</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3278	REV. C SHEET 3 OF 3
DATE 07.07.24		TITLE SUPPORT ASSEMBLY	SCALE 1:1

RELEASED
07.06.08



D3278-3 SPACER

- 1) MATERIAL: DELRIN II 150E OR ACETRON GP ACETAL
(REF. DART SPEC. M-DELRIN-B0.125x2.000) OR
DELRIN II 150E OR ACETRON GP ACETAL
(REF. DART SPEC. M-DELRIN-S.125)
- 2) BREAK ALL SHARP EDGES 0.005 TO 0.015
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

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